



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署



PROVIA

Programme of **R**esearch **O**n Climate Change
Vulnerability, **I**mpacts and **A**daptation

Cynthia Rosenzweig
NASA Goddard Institute for Space Studies





UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署



PROVIA Structure and Goals

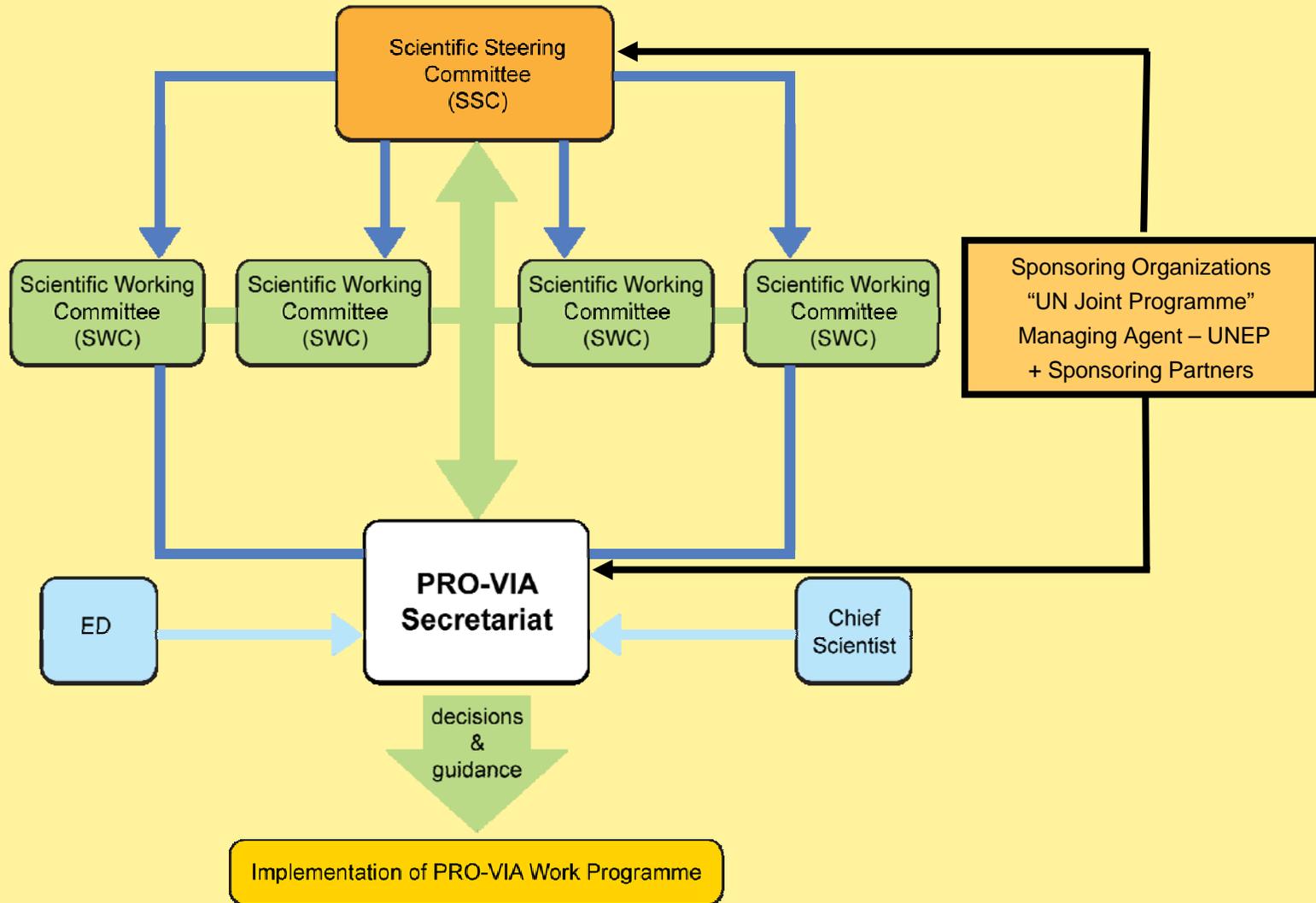
- 1. A single research programme focused on impacts and response to climate change**
- 2. Parent organizations are UN 'Joint Programme' of UNEP with WMO and UNESCO; Secretariat at UNEP; counterpart to WCRP**
- 3. To deliver high-quality information on VIA topics being increasingly requested by policy-makers**
- 4. To react to policy requests with due urgency and specificity**
- 5. Prioritise research and communicate priorities to governments and international agencies, and thus help make VIA research funding more effective and decision-relevant**



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente
Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署





UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署



PROVIA Initial Workplan

1. **Develop a prioritised international agenda for research on VIA, in consultation with both researchers and decision-makers; and communicate research agenda to governments and international agencies**
2. **Provide scientific information on VIA to the UNFCCC and similar bodies, especially information that will enable more effective adaptation**
3. **A biennial conference (+ other actions) to improve the coherence of VIA research**
4. **Improve the robustness of VIA assessments, by revising guidance on research methods**



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement

Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде

برنامج الأمم المتحدة للبيئة

联合国环境规划署



Activity 1 First Step: Research Gap Analysis

- **Aim**: To explore key VIA research gaps that, if closed, will yield substantial improvements in decision-making from a science-for-policy perspective
- **Examples of ‘pressing policy-relevant questions’**:
 - What adaptation will be needed up to c. 2030 to cope with impacts already in climate ‘pipeline’
 - Where is vulnerability greatest, and how can it be reduced?
 - What are likely climate impacts after c. 2030 not avoided by mitigation?
 - How can adaptive capacity be developed to cope with these impacts?



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente
Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署



ACTIVITY 2: Provide Scientific Information on VIA to UNFCCC and Similar Bodies

- **Aim**: Establish a formalised means of communicating scientific adaptation knowledge to the UNFCCC (including knowledge on vulnerability and impacts where relevant)
- **Potential Pathways**
 - Participate in SBSTA Research Dialogues
 - Develop partnership in Nairobi Work Programme
 - Explore involvement in the Adaptation Committee
 - Provide input to the Programme on Loss and Damage
 - Contribute to National Adaptation Plans
 - Build links with AWG-LCA, in particular the Shared Vision and Review of the Adequacy of the Long Term Global Goal



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署



Summing Up: PROVIA

- **To provide international coordination of research on vulnerability, impacts, and adaptation to climate change**
- **To prioritize research and help access research funds for VIA**
- **To communicate new knowledge about adaptation to governments and agencies**



UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement Programa de las Naciones Unidas para el Medio Ambiente
Программа Организации Объединенных Наций по окружающей среде برنامج الأمم المتحدة للبيئة

联合国环境规划署

